In the Drawings

Applicant submits herein Amended Drawings of Figures 1, 2, 4, 7 and 8.

Applicants Response to Examiner's Comments

Information Disclosure Statement

Applicant submits enclosed herein an information disclosure form (PTO/SB/8a) listing both references noted in the specification of the application and in additional prior art patents.

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Drawings

Examiner objects to several drawings under 37 CFR 1.83(a) because they fail to label boxes (4, 10-12,20,40) in Figure 1, label boxes (4A to 4G) in Figure 2, label boxes (24-34) in Figure 4 and label boxes (44-70) in Figure 7 as described in the specification. Examiner notes that any structural detail that is essential for a proper understanding of the disclosed invention

10   should be shown in a drawing. Applicant respectfully submits that Figures 1, 2, 4 and 7 as currently amended herein include labeled boxes and fully comply with 37 CFR 1.83(a)

Examiner further objects to the drawings as failing to comply with 37 CFR 1.84(p)(5) as not including the reference sign 22 for an Internet 22 and as mentioned in the detailed description on page 34. Applicant replies that Figures 1 and 3 as currently amended herein include the

15   reference sign 22 and the element of the Internet 22.

In reference to Figure 8, Examiner objects to drawings because is not in a flow chart layout. Applicant further replies that Figure 8 as currently amended herein is in flow chart layout.

Applicant respectfully submits that the Amended Figures 1, 2, 4, 7 and 8 as enclosed and

20   submitted herein address Examiner's objections and are fully in compliance with 37 CFR 1.83(a) and 37 CFR 1.84(p)(5).

Applicant acknowledges that corrected drawing sheets in compliance with 37 CFR 1.121 (d) are required in reply to the Office action to avoid abandonment of the application, and attests that all amended replacement drawing sheets include all of the figures appearing on the

25   immediate prior version of the sheet.

Claim Objections

Examiner objects to Claims 24-26 because of the following informalities: the acronym "XML", "SSN", "URL" are not defined by the claims as originally filed.

Applicant respectfully submits herein currently amended Claims 24- 26 wherein (a.)

"URL" has been clarified by amendment as "universal resource locator" in Claim 24; (b.) the term "SSN" has been clarified by amendment as "social security number" in Claim 35; and (c.) "XML" has been clarified by amendment as "extensible markup language" in Claim 26.

Applicant therefore respectfully submits that Examiner's objections to Claims 24-26 have
5   been fully and satisfied addressed by the currently amended Claims 24-26 as submitted herein.

Claim Rejections – 35 USC § 112

Examiner rejects Claims 1-6, 8-9 and 17 under 35 U,S,C, 112, first paragraph, as failing to comply with the enablement requirement. Examiner maintains that the claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the
10   art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. Examiner states that the specification fails to describe in such full and clear as to enable Claims 1-6, 8-9 and 17.

Examiner states that the limitation "2nd digital code is not readable from the durable memory" (see specification paragraph 0025) is not enabled in the specification. Examiner holds
15   that one skilled in the art would not know how the reader would read the 2nd digital code in order for certification or authentication when the 2nd digital code is not readable from the durable memory.

Applicant respectfully replies "2nd digital code" is presently clarified to be an "encryption code" in Claims 1, 5 & 6 as currently amended, and that this clarification is supported in
20   paragraphs 0091, 0102, 114, 0117, 0122, 0128, 0135, 0137, 0138, 0139, 0145, and 0146 of the specification.

In particular, Examiner notes that Claims 1 recites the phrase "accuracy of the secure document is based at least partly on the 1st digital code stored within the IC" and asserts that this phrase is confusing and unclear. Applicant notes that Claim 1 as currently amended no longer
25   includes this phrase, and that the 2nd digital code is now clarified to an encryption code.

Examiner asserts in reference to Claim 6 that the phrase "wherein the 2nd digital code is used to control access to the secure document and the 1st digital code" is confusing and unclear. Applicant notes that Claim 6 as currently amended no longer includes this phrase, and that the 2nd digital code is now clarified to an encryption code.

14   Ser. No. 10/731,036

Examiner notes that Claim 8 recites the limitation "the biometric event" in line 10 of the Claim 8 as originally submitted and holds that there is insufficient antecedent basis for this limitation in this Claim 8. Applicant responds that Claim 8 as currently amended recites "the biometric measurement" and wherein the word "event" has been replaced with the word

5   "measurement". Applicant notes that the term "biometric measurement has antecedent basis in line 7 of Claim 8 as currently amended.

In further reference to Claim 8, the phrase "whereby a change in the primary or secondary document may automatically update a plurality of documents that are linked to either the primary or the secondary document" and holds that this phrase is confusing and unclear.

10   Applicant notes that Claim 8 as currently amended no longer includes this phrase, and that Claim 8 as currently amended recites the following clarified teaching:

"whereby a change in information related to the primary or secondary document may

direct the communications network to automatically update information stored within

electronic memories of a plurality of documents that are [[linked]] associated by the

15   electronic communications network to either the primary or the secondary document."

Claim 17 recites the limitation "the secret document" in line 2, here is insufficient antecedent basis for this limitation in the claim. Applicant replies that limitation "secret document" has been corrected to "secret document" in Claim 17 as currently amended and submitted herein. Applicant therefore respectfully submits that Claim 17 as currently amended is

20   allowable.

Examiner rejects to claims 2-5 and 9 as being dependent upon a rejected Claims 1 or 8. Applicant respectfully replies that Claims 1 and 8 as currently amended are allowable, and that the dependent claims 2-5 and 9 are therefore allowable.

Claim Rejections – 35 USC § 103

25   Examiner rejects Claims 1-7 and 10-13 under 35 U,8,C. 103(a) as being unpatentable over Yap et al. (U8# 6,111,506) in view of Hopkins (US# 5,757,918).

Applicant respectfully notes that, in reference to allowable subject matter, and as discussed below, Examiner holds that "the prior art fail to suggest limitations the primary

document and secondary digital code are permanently associable with each other, and whereby a change in the primary or secondary document may automatically update a plurality of document that are linked to either the primary or the secondary document".

Examiner states in reference to Claims 1 and 10, that Yap et al. disclose a system and a secure document (10) (i.e., a security identification document) containing (1.) a flexible substrate (12) having a surface (column 12 line 28 to 39; see Figures 1 to 5), the surface visibly presenting information (column 14, lines 17 to 21); and (2.) an integrated circuit (15) (i.e., a metal ring surrounding an integrated circuit) coupled with the substrate (12), wherein the integrated circuit (15) includes a durable memory (i.e., embedded in microprocessor 14), and that the durable memory stores a 1st digital code (i.e., secure identification data), wherein the 1st digital code is related to a life factor (e.g., birth certificate data, and driver's license data information) (column 5 lines 45 to column 6 line 33; column 12 lines 43 to 58; see Figures 1 and 7). Examiner holds that Yap et al. teach of a certification for the authentication and/or accuracy of the secure document (10) based at least partly on the 1st digital code (i.e., identification data) stored within the integrated circuit (15) (column 7 line 12 to 67; column 8 line 40 to 65; column 14 line 53 to column 16 line 54; see Figures 1 to 8).

Examiner observes that Yap et al. do not explicitly disclose a 2nd digital code that is stored in but not readable from the durable memory. Examiner holds that in the same field of endeavor of an identification transponder, Hopkins teaches that a 2nd digital code (i.e., a secret value) and a 2nd digital code is not readable (i.e., not readable by the terminal) from the durable memory (31) (column 5 lines 56 to 64; see Figures 1 to 5) in order to (1.) secure the smart card reading terminal and (2.) avoid counterfeit card acceptance by the host computer. Examiner judges that at the time of the invention, it would have been obvious to a person of ordinary skill in the art to recognize that using a secret value that can not be read by the reading terminal as taught by Hopkins in an improved security identification document of Yap et al. would be motivated because not transmitting the secret value to the reading terminal would support avoiding duplication or counterfeit of the identification of the smart card.

Applicant respectfully replies that Claim 1 as currently amended includes the limitation as follows:

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"the 2nd digital code is an encryption code, wherein modification to information stored in the durable memory of the secure document may be read by the electronic communications network and employed to modify at least one of the plurality of related electronic documents."

5   Applicant respectfully replies that the scope of Claim 1 as currently amended includes, and is limited to, allowable subject matter and teaches that a change in information stored in the durable memory of the secure document may result in an automatic update of information stored in a plurality of related electronic documents by means of a communications network.

Applicant therefore respectfully submits that Claim 1 as currently amended is allowable.

10   In reference to Claim 10, Applicant respectfully replies that Claim 10 as currently amended includes the limitation as follows:

"a plurality of related documents, each related document having an electronic memory; and

means for automatically updating information stored in the electronic memories of the related documents in accordance with information stored in the first memory element."

15   Applicant respectfully replies that the scope of Claim 10 as currently amended includes, and is limited to, allowable subject matter and teaches that a plurality of related documents may be automatically updated in light of information stored in a memory element of an integrated circuit that is coupled with a flexible substrate.

20   Applicant therefore respectfully submits that Claim 10 as currently amended is allowable.

Examiner states in reference to Claims 2 and 12 that Yap et al. in view of Hopkins disclose the system and the secure document of claims 1 and 10, and that Yap et al. disclose a life factor that is related to an event of a specific human being, where the event selected from the group consists of a birth of a human being (column 4 line 2 to 24; column 14 line 8 to 37).

25   Applicant respectfully submits that Claims 2 and 12 depend from an allowable Claim 1 or 10 as currently amended, and are both therefore allowable.

Examiner states in reference to Claims 3 and 13 that Yap et al. in view of Hopkins disclose the system and the secure document of claims 1 and 10, and that Yap et al. disclose a life factor that is related to an aspect of a specific human being, the aspect selected from the

30   group consisting of a biometric pattern (column 4 lines 38 to 59; column 5 line 7 to 23; column 6

line 45 to 51).

Applicant respectfully submits that Claims 3 and 13 depend from an allowable Claim 1 or 10 as currently amended, and are both therefore allowable.

Examiner states in reference to Claims 4 and 11 that Yap et al. in view of Hopkins disclose the system and the secure document of claims 1 and 10, and that Yap et al. disclose an integrated circuit that is an RFID (column 5 line 64 to column 6 line 16; column 7 lines 36 to 43; see Figures 1 to 7).

Applicant respectfully submits that Claims 4 and 11 depend from an allowable Claim 1 or 10 as currently amended, and are both therefore allowable.

Examiner states in reference to Claim 5 that Yap et al. in view of Hopkins disclose the secure document of claim 1, that Hopkins discloses a 2nd digital code (i.e., a secret value) that is a secret key, and the key is configured for use in an encryption method (column 2 lines 62 to 65).

Applicant respectfully submits that Claim 5 depend from an allowable Claim 1 as currently amended and is therefore allowable.

Examiner states in reference to Claim 6 that Yap et al. in view of Hopkins disclose the secure document, to the extent as claimed with respect to claim 1 above, and that Hopkins discloses a 2nd digital code (i.e., a secret value) that is used to control access to the secure document (12) (i.e., smart card) and the 1st digital code (i.e. value of public key), and wherein the 2nd digital code once it is initially written into the secure document (12), and is never transmitted to or from the secure document again (i.e., the secret value is never transmitted to the terminal) (column 5 lines 2 to 13; column 5 lines 52 to 64; see Figure 3).

Applicant notes that Claim 6 as currently amended includes the following limitation:

"modification to information stored in the durable memory of the secure document may

be read by the electronic communications network and employed to modify at least one

of the plurality of related electronic documents."

Applicant respectfully replies that the scope of Claim 6 as currently amended includes, and is limited to, allowable subject matter and teaches that a change in information stored durable memory of the secure document may result in an automatic update of information stored in a plurality of related electronic documents by means of a communications network.

18   Ser. No. 10/731,036

Applicant therefore respectfully submits that Claim 6 as currently amended is allowable.

Examiner states in reference to Claim 7 that Yap et al. in view of Hopkins disclose the secure document, to the extent as claimed with respect to claim 1 above, and that Yap et al. disclose an information technology system (60) (i.e., a security system) for periodically associating an identity of a specific human being to the document (10) via at least one bio-metric measurement (72) (i.e., biometric data input device); and a security system (64) (i.e., a computer) for recording a personal identification number, or "PIN", on the document (10) and the security system (64) protecting the PIN from unauthorized reading from the document (10) (column 14 line 54 to column 16 line 11; see Figures 1 to 7).

Applicant notes that Claim 7 as currently amended includes the following limitation: "a plurality of related documents, each related document having an associated electronic memory communicatively coupled with the information technology system, whereby the information technology system updates information stored in the associated electronic memories in accordance with changes of information stored in the primary electronic memory of the plurality of related electronic documents."

Applicant respectfully replies that the scope of Claim 7 as currently amended includes, and is limited to, allowable subject matter and teaches that a change in the information stored in a primary electronic memory of a document may result in an automatic update of information stored in a plurality of related electronic documents by means of a communications network.

Applicant therefore respectfully submits that Claim 7 as currently amended is allowable.

Examiner states in reference to Claims 14-15, 17-19 and 21-26 that Yap et al. disclose a system (60) (i.e., a security system) for life events record authentication, the system (60) comprising a document (10) having a flexible substrate (12) and an integrated circuit (15), the flexible substrate (15) having a surface, the surface visibly presenting information (column 4 line 2 to 24; column 12 line 28 to 42; see Figures 1 to 5); the integrated circuit (15) coupled with the substrate (12), the integrated circuit (15) including a durable memory (i.e., embedded in a microprocessor 14) containing a first information (i.e., secure identification data), wherein the first information is related to information selected from the group consisting biometric data

19   Ser. No. 10/731,036

(column 4 lines 38 .to 59; column 5 lines 45 to column 6 line 33; column 12 lines 43 to 58; see Figures 1 and 7).

Examiner notes that Yap et al. did not explicitly disclose an authentication of the document based at least partly on the at least one secret key, wherein access to the first

5   information requires the use of the secret key, and wherein the secret key may be communicated by private means from a first agency to a second agency and the secret key may be used to delegate authority from the first authority to the second authority.

Examiner holds that in the same field of endeavor of a portable security device, Hopkins discloses an authentication of the document (12) (i.e., a smart card) based at least partly on the at

10   least one secret key (i.e., a secret value) (column 2 line 45 to 67; see Figures 1 and 2); wherein access to the first information (i.e., public information) requires the use of the secret key (column 3 lines 1 to 60; see Figure 1); and wherein the secret key may be communicated by private means (26) from a first agency (20) (i.e., a card issuer site) to a second agency (22) (i.e., a terminal) and the secret key may be used to.delegate authority from the first authority (20) to perform

15   verification and authentication. Examiner holds that one of ordinary skilled in the art recognizes the need for the terminal to verify the smart card by a secret value taught by Hopkins in a security identification document of Yap et al., because Yap et al. suggest it is desired to provide that the memory in the document with an RFID integrated circuit can be used to store a plurality of security identification data of a user (column 5 line 45 to 68; column 6 line 45 to 67); and that

20   Hopkins teaches that a terminal verifies the smart card for counterfeit and that the user is authorized by the value of a secret key (column 5 line 1 to column 6 line 65; see Figures 1 to 3) in order to improve security at the terminal for verifying a smart card and the user.

Examiner holds that it would have been obvious to a person of ordinary skill in the art at the time of the invention was made to have a the terminal to verify the smart card by a

25   secret value taught by Hopkins in a security identification document of Yap et al. and that the motivation for doing so would have been to provide a secure communications in each of the cards in a programmable security identification document.

In reference to Claims 14-15 and 17, Applicant first notes that Claim 14 as currently amended includes the following limitation:

20   Ser. No. 10/731,036

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"means for automatically updating information stored in a plurality of electronic memories of separate associated documents in accordance with information stored in the durable memory of the document."

Applicant respectfully replies that the scope of Claim 14 as currently amended includes,

5 and is limited to, allowable subject matter and comprises means to automatically update a plurality of associated electronic documents in accordance with information stored in a durable electronic memory of a document.

Applicant therefore respectfully submits that Claim 14, and Claims 15 and 17 as depending from Claim 14, are allowable.

10 In reference to Claims 18-20, Applicant notes that Claim 18 as currently amended includes the following limitation:

"means for automatically updating information stored in a plurality of electronic memories of separate associated documents in accordance with information stored in the durable memory of the document."

15 Applicant respectfully replies that the scope of Claim 18 as currently amended includes, and is limited to, allowable subject matter and teaches that a change in information stored in the durable memory of an integrated circuit of a document may result in an automatic update of information stored in a plurality of electronic memories of separate electronic documents.

Applicant therefore respectfully submits that Claim 18, and Claims 19 and 20 as

20 depending from Claim 18, are allowable.

In reference to Claims 21, Applicant notes that Claim 21 as currently amended includes the following limitation

"means for automatically updating information stored in a plurality of electronic

memories of separate associated documents in accordance with information stored in the

25 first memory element of the document."

Applicant respectfully replies that the scope of Claim 21 as currently amended includes, and is limited to, allowable subject matter and comprises means to automatically update information stored in electronic memories of a plurality of associated electronic documents in accordance with information stored in a first memory of a document.

21   Ser. No. 10/731,036

Applicant therefore respectfully submits that Claim 21 is allowable.

In reference to Claims 22-26, Applicant notes that Claim 22 as currently amended includes the following limitation:

"providing a means for automatically updating information stored in a plurality of
electronic memories of separate associated documents in accordance with the personal
information stored in the integrated circuit."

Applicant notes that Claim 22 as currently amended includes the limitation of a means for automatically updating information stored in a plurality of electronic memories of separate documents in accordance with information stored in a durable memory an integrated circuit, wherein the integrated circuit and a flexible substrate form a document.

Applicant therefore respectfully submits that Claim 22, and Claims 23-26 as depending from Claim 22, are allowable.

Examiner states in reference to Claims 16 and 20, that Yap et al. in view of Hopkins disclose the system and the secure document of claims 14 and 18, and that Yap et al. disclose an integrated circuit that is an RFID (column 5 line 64 to column 6 line 16; column 7 lines 36 to 43; see Figures 1 to 7).

In reference to Claim 16, Applicant notes that Claim 16 is dependent from Claim 14 as currently amended. Applicant therefore respectfully submits that Claim 16 is allowable.

In reference to Claims 20, Applicant notes that Claim 18 is dependent from Claim 20 as currently amended. Applicant therefore respectfully submits that Claim 20 is allowable.

Allowable Subject Matter

Examiner has allowed Claims 8-9.

Examiner states in reference to claim 8, the following is a statement of reasons for the indication of allowable subject matter: the prior art fail to suggest limitations the primary document and secondary digital code are permanently associable with each other, and whereby a change in the primary or secondary document may automatically update a plurality of document that are linked to either the primary or the secondary document.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance,"

Applicant therefore respectfully submits that the Examiner's objections to the Claims have been fully resolved by the Claims as currently amended. Applicant further respectfully submits that the Examiner's rejections of the Claims have been fully traversed by scope and recitations of the Claims as currently amended, and that the Claims are therefore allowable.

If any matters can be resolved by telephone, Applicant requests that the Patent and Trademark Office call the Applicant at the telephone number listed below.

Respectfully submitted,
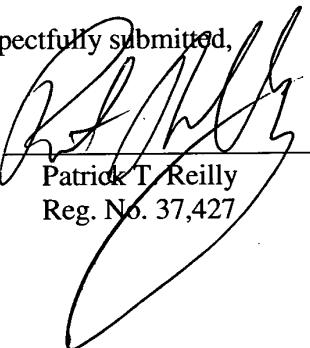
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